



FY 18 - 19 Biennial Budget Request Kanabec SWCD

Total Requested Biennial State Contribution:	\$2,255,700.00	BBR ID	BBR16-1594
Total Leveraged Funds	\$532,000.00	Submitted Date	4/15/2016
Total Resource Project and Activities Budget	\$2,787,700.00	Staff Contact	Deanna Pomije
Total BMPs	100	Board Conservationist	Jason Weinerman
Total FTEs	1.65		

SWCD Program Grant Summary

Grant Source	Estimated Amount Available	Estimated Amount Budgeted
SWCD Conservation Delivery	\$37,420.00	\$40,000.00
RIM Easement Delivery	\$696.00	\$75,700.00
SWCD State Cost-Share	\$19,214.00	\$60,000.00

Water Resources of Concern

Primary Water Resource of Concern	Water Resource Category	Watershed	Impairments	Trend
Snake River Watershed	Surface & Ground Water	Snake River	Yes	Down
Ann River	Surface Water	Snake River	Yes	Down
Organization Wide - Surface & Ground Water	Surface & Ground Water		N/A	N/A

Activity Summary

Water Resource Name	Snake River Watershed		
Activity Description	Implement urban stormwater practices in the city of Mora. Practices were sited from a previously completed study of the cities' stormwater. Practices were sited and prioritized based on cost estimates and estimated pollution reduction numbers.		
Activity Category	Urban Stormwater Management Practices	Capital Improvement Project?	Yes
Source of State Contribution	BWSR Clean Water Fund - Projects and Practices	Estimated # of FTEs	

Total Requested Biennial State Contribution	\$500,000.00	Estimated Number of Practices	6
Estimated Leveraged Funds	\$125,000.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$625,000.00	Action or Objective (from plan)	Page 80-Priority Concern 1, Page 68-Municipal Plans and Official Controls & City of Mora; Page 70;
Describe how this activity could be accomplished in the biennium	Through collaboration with the City of Mora and the SWCD will choose sites for stormwater implementation based on the previous studies' results. May rely on design technical assistance from TSA or a private consultant. The City of Mora sets aside, through taxes a set amount for stormwater treatment practices. Will work with the city closely on this for design, implementation and practice match contributions. May plan public outreach for support for stormwater practices though highly visible rain garden implementation or education.		

Water Resource Name	Ann River		
Activity Description	Continued outreach in the Ann River Watershed for the further implementation of shoreland and streambank BMP implementation.		
Activity Category	Streambank or Shoreline Protection	Capital Improvement Project?	No
Source of State Contribution	MN Pollution Control Agency	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$100,000.00	Estimated Number of Practices	10
Estimated Leveraged Funds	\$45,000.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$145,000.00	Action or Objective (from plan)	Page 51-Sedimentation Problems; Page 81-Priority Concern 1 Goal.
Describe how this activity could be accomplished in the biennium	Plan to further implement shoreland and streambank BMPs, to be used as federal match on CWF grant to treat the internal loading on Ann Lake. Will collaborate with partners (TSA & NRCS) for technical and added program funding. Currently have buy in from local lake associations (Ann and Fish Lake), which are assisting in outreach.		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Continued outreach with Lake Ass. for the increased implementation of shoreline and streambank BMPs.		
Activity Category	Streambank or Shoreline	Capital Improvement Project?	No

	Protection		
Source of State Contribution	SWCD Local Capacity Funds	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$60,000.00	Estimated Number of Practices	0
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$60,000.00	Action or Objective (from plan)	Page 51-Sedimentation Problems; Page 81-Priority Concern 1 Goal
Describe how this activity could be accomplished in the biennium	Promote native plantings and erosion control practices along shoreline areas. Collaborate with partners (TSA & NRCS) for technical and possible added cost-share dollars.		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Staff assistance on streambank and shoreline BMP implementation.		
Activity Category	Streambank or Shoreline Protection	Capital Improvement Project?	No
Source of State Contribution	SWCD State Cost-Share	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$20,000.00	Estimated Number of Practices	7
Estimated Leveraged Funds	\$5,000.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$25,000.00	Action or Objective (from plan)	Page 51-Sedimentation Problems; Page 81-Priority Concern 1 Goal.
Describe how this activity could be accomplished in the biennium	Activities may include staff working with willing land owners on preparation for BMP implementation. Projects may involve collaboration with partnering agencies for funding and technical assistance.		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Continued streambank and shoreline buffer implementation on public waters and county ditches.		
Activity Category	Streambank or Shoreline Protection	Capital Improvement Project?	No
Source of State Contribution	Buffer Implementation Funds	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$10,000.00	Estimated Number of Practices	20

Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$10,000.00	Action or Objective (from plan)	Page 51-Sedimentation Problems; Page 81-Priority Concern 1 Goal.
Describe how this activity could be accomplished in the biennium	Continue to update inventory of buffers implemented in the county. Outreach to land owners and farmers on areas where buffers are needed. Follow through with clients on recommendations and designs as needed to implement buffers or alternative practices where they fit.		

Water Resource Name	Ann River		
Activity Description	Treatment of Ann Lake to draw down the high Phosphorus internal loading.		
Activity Category	Special Projects	Capital Improvement Project?	No
Source of State Contribution	BWSR Clean Water Fund - Targeted Watershed Program	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$800,000.00	Estimated Number of Practices	1
Estimated Leveraged Funds	\$200,000.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$1,000,000.00	Action or Objective (from plan)	Page 3-Execution Summary
Describe how this activity could be accomplished in the biennium	Utilize a previously completed study (319) listing alternatives for treatments to draw-down the high Phosphorus internal loading while preventing any adverse impact to the wild rice population. This help substantially toward the St.Croix' goal of 20% reduction by 2020. Will work towards using a Federal 319 grant for the required match as well as local contributions.		

Water Resource Name	Snake River Watershed		
Activity Description	Planning, coordination and writing of the 'One Watershed, One Plan' for the Snake River Watershed.		
Activity Category	Planning and Assessment	Capital Improvement Project?	No
Source of State Contribution	BWSR Clean Water Fund - Planning Grants: One Watershed One Plan	Estimated # of FTEs	0.25
Total Requested Biennial State Contribution	\$75,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$18,750.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)

Projects & Activities Budget	\$93,750.00	Action or Objective (from plan)	Page 6-Purpose of Plan; Page 17-Watersheds-Snake River Major Watershed.
Describe how this activity could be accomplished in the biennium	Conduct and organize regular meetings with the key stakeholders with the 4 counties in the watershed. Set a timeframe for implementation with goals and deadlines. Coordinate with partnering agencies. Conduct informational and public comment meetings for input on the plan. Gather data from various sources, including state, federal and local agencies for incorporation into the plan. Follow BWSR protocol for watershed planning.		

Water Resource Name	Snake River Watershed		
Activity Description	Collection of cycle 2 intensive watershed monitoring for the Snake River Watershed.		
Activity Category	Monitoring/Data Collection	Capital Improvement Project?	No
Source of State Contribution	MN Pollution Control Agency	Estimated # of FTEs	0.3
Total Requested Biennial State Contribution	\$65,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$16,250.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$81,250.00	Action or Objective (from plan)	Page 4-Water Monitoring and Data Collection; Pages 85-94-Water Quality Monitoring and Evaluation
Describe how this activity could be accomplished in the biennium	Stream sites selected with MPCA will be chosen for monitoring. A schedule for water monitoring will be set up, about twice per month during the open water season. Data will be collected and recorded at the stream sites and grab samples will be taken in for water testing. The data from these samples will be used to further identify target areas in need of further BMP restoration or protection activities.		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Wetland restoration easement monitoring of existing easements.		
Activity Category	Monitoring/Data Collection	Capital Improvement Project?	No
Source of State Contribution	RIM Easement Delivery	Estimated # of FTEs	0.1
Total Requested Biennial State Contribution	\$700.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$700.00	Action or Objective (from plan)	Purpose of Plan, page 6
Describe how this activity could be	May also include the promotion of new easements. Includes time to monitor easements for compliance, if		

accomplished in the biennium	possible with current land owners.
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Water Resource Name	Snake River Watershed		
Activity Description	There is a need for continued assistance in the county to provide technical feedlot runoff assistance, as we are not designated a feedlot county.		
Activity Category	Livestock Waste Management	Capital Improvement Project?	No
Source of State Contribution	BWSR Clean Water Fund - Projects and Practices	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$100,000.00	Estimated Number of Practices	2
Estimated Leveraged Funds	\$25,000.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$125,000.00	Action or Objective (from plan)	Priority concern 1, page 80
Describe how this activity could be accomplished in the biennium	Would plan to work with high priority feedlots for implementation of BMP feedlot control systems. Will collaborate with partners (TSA & NRCS) for added technical and possibly added cost-share dollars.		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	District administration as needed to keep the office functioning.		
Activity Category	Administration/Coordination	Capital Improvement Project?	No
Source of State Contribution	SWCD Conservation Delivery	Estimated # of FTEs	0.7
Total Requested Biennial State Contribution	\$40,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$0.00	Plan Type	County Comprehensive Local Water Management Plan (non-metro counties only)
Projects & Activities Budget	\$40,000.00	Action or Objective (from plan)	Water Plan page 2, lists the SWCD.
Describe how this activity could be accomplished in the biennium	Administrative duties to include financial book keeping, sales, payroll, supply and equipment requests, board meeting preparation, tax and audit preparation, personnel reporting and compliance, insurance needs and other necessary functions as needs warrant.		

Water Resource Name	Snake River Watershed		
Activity Description	Utilizing a DNR-CPL grant with a wildlife habitat development and management focus on public lands.		
Activity Category	Groundwater	Capital Improvement Project?	No
Source of State Contribution	MN Dept. of Natural	Estimated # of FTEs	

	Resources		
Total Requested Biennial State Contribution	\$20,000.00	Estimated Number of Practices	4
Estimated Leveraged Funds	\$2,000.00	Plan Type	SWCD Comprehensive Plan (SWCDs only; if SWCD has adopted County Comprehensive Local Water Mgmt. Plan, select that option)
Projects & Activities Budget	\$22,000.00	Action or Objective (from plan)	Page 1-Soil & Water Conservation Policy #6; Page 11-Protect Public Lands and Waters
Describe how this activity could be accomplished in the biennium	Wildlife habitat development and management of public lands in conjunction with an educational component, specifically on the District Land. The educational component is meant to promote the importance of wildlife management on private lands. Promote diverse perennial vegetation through wildlife habitat management to protect groundwater. This may be done by sponsoring education field days promoting diverse wildlife habitat management.		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Expand our outreach and service to forestry land owners in the northern part of the county. Promote forestry stewardship plans, forestry practices and conservation easements to protect the good water quality in this part of the county.		
Activity Category	Forestry Practices	Capital Improvement Project?	No
Source of State Contribution	BWSR Clean Water Fund - Accelerated Implementation	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$60,000.00	Estimated Number of Practices	15
Estimated Leveraged Funds	\$15,000.00	Plan Type	SWCD Comprehensive Plan (SWCDs only; if SWCD has adopted County Comprehensive Local Water Mgmt. Plan, select that option)
Projects & Activities Budget	\$75,000.00	Action or Objective (from plan)	Page 6-Protect Water Quality
Describe how this activity could be accomplished in the biennium	Education and outreach to forestry land owners through partnering with foresters, loggers and other conservation agencies. Write forestry stewardship plans for land owners, explaining their tax credit options. Educate and promote the management of private lands for wildlife habitat. Also promote conservation easements for good water quality protection.		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Expand our outreach and service to forestry land owners in the northern part of the county. Promote forestry stewardship plans, forestry practices and conservation easements to protect the good water quality in this part of the county.		
Activity Category	Forestry Practices	Capital Improvement Project?	No
Source of State Contribution	SWCD Local Capacity Funds	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$70,000.00	Estimated Number of Practices	0
Estimated Leveraged Funds	\$0.00	Plan Type	SWCD Comprehensive Plan (SWCDs only; if SWCD has adopted County Comprehensive Local Water Mgmt. Plan, select that option)
Projects & Activities Budget	\$70,000.00	Action or Objective (from plan)	Page 6-Protect Water Quality
Describe how this activity could be accomplished in the biennium	Education and outreach to forestry land owners through partnering with foresters, loggers and other conservation agencies. Write forestry stewardship plans for land owners, explaining their tax credit options. Educate and promote the management of private lands for wildlife habitat. Also promote conservation easements for good water quality protection.		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Promote conservation easements in non-impaired watershed for the protection of our ground and surface water resources. Possibly contract with another SWCD to hire a shared forester.		
Activity Category	Forestry Practices	Capital Improvement Project?	No
Source of State Contribution	RIM Easement Delivery	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$75,000.00	Estimated Number of Practices	8
Estimated Leveraged Funds	\$18,750.00	Plan Type	SWCD Comprehensive Plan (SWCDs only; if SWCD has adopted County Comprehensive Local Water Mgmt. Plan, select that option)
Projects & Activities Budget	\$93,750.00	Action or Objective (from plan)	Page 6-Protect Water Quality
Describe how this activity could be accomplished in the biennium	Outreach to the forested areas of the county to promote the easement protection of the land. This may go hand in hand in working with clients on forestry planning and managing private lands for wildlife. Work through easement applications with clients; from application, survey, planning, finalizing paperwork and through implementation.		

Water Resource Name	Snake River Watershed
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Activity Description	Apply for a SARE (Sustainable Ag. Research and Edu.) grant for the implementation of soil health principles on District Land, for educational purposes for farmers in this and surrounding counties.		
Activity Category	Education/Information	Capital Improvement Project?	No
Source of State Contribution	MN Dept. of Agriculture	Estimated # of FTEs	0.3
Total Requested Biennial State Contribution	\$25,000.00	Estimated Number of Practices	
Estimated Leveraged Funds	\$6,250.00	Plan Type	SWCD Comprehensive Plan (SWCDs only; if SWCD has adopted County Comprehensive Local Water Mgmt. Plan, select that option)
Projects & Activities Budget	\$31,250.00	Action or Objective (from plan)	Page 2-SWCD Mission and SWCD priority focus. Page 10- Provide education and outreach and Five Year Goal Statement.
Describe how this activity could be accomplished in the biennium	Set up a long term study to compare conventional ag. practices to soil health practices and incorporate educational field days around this study. The focus group would be farmers in Kanabec and surrounding counties.		

Water Resource Name	Ann River		
Activity Description	Continued outreach in the Ann River Watershed for the further implementation of Ag. BMPs.		
Activity Category	Agricultural Practices	Capital Improvement Project?	No
Source of State Contribution	MN Pollution Control Agency	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$100,000.00	Estimated Number of Practices	7
Estimated Leveraged Funds	\$45,000.00	Plan Type	SWCD Comprehensive Plan (SWCDs only; if SWCD has adopted County Comprehensive Local Water Mgmt. Plan, select that option)
Projects & Activities Budget	\$145,000.00	Action or Objective (from plan)	Page 1-Soil & Water Conservation Policy; Page 6- Protect Water Quality
Describe how this activity could be accomplished in the biennium	Plan to further implement Ag. BMP, with a focus on grazing practices in this watershed, to be used as federal match on CWF grant to treat the internal loading on Ann Lake. Will collaborate with partners (TSA & NRCS) for technical and added program funding.		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Promote the continued outreach and technical support to farmers in the county to restore water quality. Work toward continued Ag. BMP implementation utilizing part of the funding for BMP cost-share.		
Activity Category	Agricultural Practices	Capital Improvement Project?	No
Source of State Contribution	SWCD Local Capacity Funds	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$70,000.00	Estimated Number of Practices	0
Estimated Leveraged Funds	\$0.00	Plan Type	SWCD Comprehensive Plan (SWCDs only; if SWCD has adopted County Comprehensive Local Water Mgmt. Plan, select that option)
Projects & Activities Budget	\$70,000.00	Action or Objective (from plan)	Page 1-Soil & Water Conservation Policy; Page 6-Protect Water Quality
Describe how this activity could be accomplished in the biennium	Collaborate with TSA and NRCS for technical and continued outreach. Promote soil health education through the use of District Land as a demonstration site. Focus work with livestock operators, rotational grazing practices and soil erosion practices, such as minimal tillage.		

Water Resource Name	Organization Wide - Surface & Ground Water		
Activity Description	Continued outreach to expand the enrollment into the MAWQCP.		
Activity Category	Agricultural Practices	Capital Improvement Project?	No
Source of State Contribution	MDA Ag Water Quality Certification Funds	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$25,000.00	Estimated Number of Practices	10
Estimated Leveraged Funds	\$0.00	Plan Type	SWCD Comprehensive Plan (SWCDs only; if SWCD has adopted County Comprehensive Local Water Mgmt. Plan, select that option)
Projects & Activities Budget	\$25,000.00	Action or Objective (from plan)	Page 1-Soil & Water Conservation Policy; Page 6-Protect Water Quality
Describe how this activity could be accomplished in the biennium	Possibly utilize staff time to run clients through the evaluation tool. May share this service with other counties.		

Water Resource Name	Organization Wide - Surface & Ground Water		
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Activity Description	Work with farmers on conservation practice implementation.		
Activity Category	Agricultural Practices	Capital Improvement Project?	No
Source of State Contribution	SWCD State Cost-Share	Estimated # of FTEs	
Total Requested Biennial State Contribution	\$40,000.00	Estimated Number of Practices	10
Estimated Leveraged Funds	\$10,000.00	Plan Type	SWCD Comprehensive Plan (SWCDs only; if SWCD has adopted County Comprehensive Local Water Mgmt. Plan, select that option)
Projects & Activities Budget	\$50,000.00	Action or Objective (from plan)	Page 1-Soil & Water Conservation Policy; Page 6-Protect Water Quality
Describe how this activity could be accomplished in the biennium	Activities may include working with farmers, cash grain operators and livestock operators. SWCD staff may work in collaboration with partner agencies for added funding or technical assistance.		